

Creating a DataFrame from a Dictionary using Pandas

Aim

To create a Pandas DataFrame from a given dictionary and display it.

Algorithm

1. Import the Pandas library
2. Define the dictionary with sample data
3. Create a DataFrame using the dictionary
4. Display the DataFrame

Code

```
import pandas as pd

data = {'X': [78, 85, 96, 80, 86], 'Y': [84, 94, 89, 83, 86], 'Z': [86, 97, 96, 72, 83]}
df = pd.DataFrame(data)
print(df)
```

Output

	X	Y	Z
0	78	84	86
1	85	94	97
2	96	89	96
3	80	83	72
4	86	86	83

Result

A Pandas DataFrame is successfully created from the given dictionary and displayed, showing the data in a tabular format.